

AMENDMENTS TO THE CLAIMS:

Please add new claim 22 as follows:

1. (Previously Presented) An electrostatic charge image developing toner, comprising:

a fixing resin; and

a wax comprising a plurality of wax components;

wherein following formulae (1), (2) and (3) are satisfied

$$T = \sum_{N=1}^k T_n \cdot W_n / 100 \quad \dots (1)$$

$$T > 56 \quad \dots (2)$$

$$W_1 + W_2 + \dots W_k = 100 \quad \dots (3)$$

where T_n (°C) is an onset temperature of an absorbed heat quantity curve of a wax component N in a differential scanning calorimeter (DSC), K is an integer in excess of 1, and W_n (wt%) is a compound rate occupied in said wax,

wherein a melting point of at least one of said plurality of wax components, which is defined as a maximum peak of the absorbed heat quantity curve at a time of temperature rise, is set in a range of 50 °C to 120 °C in a DSC curve measured by the differential scanning calorimeter,

wherein said wax comprises an appropriate amount of a low molecular weight wax component in said wax to maintain sufficient fixing performance, and

wherein at least one of said wax components comprises a crystallinity which is greater than 85% and less than 93%.

- 2-3. (Canceled)
4. (Previously Presented) The electrostatic charge image developing toner according to claim 20, wherein the fixing resin comprises at least a vinyl copolymer, which is polymerized in existence of the wax.
5. (Canceled)
6. (Previously Presented) The electrostatic charge image developing toner according to claim 20, wherein the wax is present in an amount of 0.5 wt% to 10 wt% with respect to a total amount of said fixing resin and said wax.
7. (Previously Presented) The electrostatic charge image developing toner according to claim 6, wherein the wax is present in an amount of 3.0 wt% to 6.0 wt% with respect to a total amount of said fixing resin and said wax.
8. (Previously Presented) The electrostatic charge image developing toner according to claim 20, wherein said plurality of wax components comprises a natural wax or a synthetic wax.
9. (Previously Presented) The electrostatic charge image developing toner according to claim 8, wherein said natural wax comprises animal wax, mineral wax or petroleum wax.
10. (Previously Presented) The electrostatic charge image developing toner according to

claim 8, wherein said synthetic wax comprises a Fischer-Tropsch wax or polyethylene wax.

11. (Previously Presented) The electrostatic charge image developing toner according to claim 20, wherein said fixing resin comprises a homopolymer of styrene, a substituted homopolymer of styrene, styrene copolymer, poly(vinyl chloride), phenol resin, natural modified phenol resin, natural resin modified maleate resin, acrylic resin, methacrylic resin, poly (vinyl acetate), silicon resin, polyester resin, polyurethane, polyamide resin, furan resin, epoxy resin, xylene resin, polyvinylbutyral, terpene resin, chroman-indene resin, or petroleum resin.

12. (Previously Presented) The electrostatic charge image developing toner according to claim 11, wherein said fixing resin comprises styrene copolymer or polyester resin.

13. (Previously Presented) The electrostatic charge image developing toner according to claim 20, wherein said plurality of wax components comprise polyethylene wax, a paraffin wax, alpha olefin wax having 81% crystallinity and a melting point of 63.2°C, or a Fischer-Tropsch wax.

14. (Previously Presented) The electrostatic charge image developing toner according to claim 20, wherein at least one of said plurality of wax components comprises a low molecular weight wax and at least one of said plurality of wax components comprises a molecular weight which is higher than a molecular weight of said low molecular weight wax.

15-19. (Canceled)

20. (Previously Presented) An electrostatic charge image developing toner, comprising:

a fixing resin; and

a wax comprising a plurality of wax components;

wherein following formulae (1), (2) and (3) are satisfied

$$T = \sum_{N=1}^K T_n \cdot W_n / 100 \quad \dots (1)$$

$$T > 56 \quad \dots (2)$$

$$W_1 + W_2 + \dots W_k = 100 \quad \dots (3)$$

where T_n ($^{\circ}\text{C}$) is an onset temperature of an absorbed heat quantity curve of a wax component N in a differential scanning calorimeter (DSC), K is an integer in excess of 1, and W_n (wt%) is a compound rate occupied in said wax,

wherein a melting point of at least one of said plurality of wax components, which is defined as a maximum peak of the absorbed heat quantity curve at a time of temperature rise, is set in a range of 50°C to 120°C in a DSC curve measured by the differential scanning calorimeter, and

wherein at least one of said wax components comprises a crystallinity which is greater than 85% and less than 93%.

21. (Previously Presented) An image forming apparatus comprising:

an electrostatic charge holding member for holding an electrostatic latent image;

an electrostatic charge image developing toner;

a developing unit for developing the electrostatic latent image, using said electrostatic charge image developing toner,

wherein the electrostatic charge image developing toner comprises:

a fixing resin; and

a wax comprising a plurality of wax components, which satisfies following formulae (1), (2) and (3) are satisfied

$$T = \sum_{N=1}^k T_n \cdot W_n / 100 \quad \dots (1)$$

$$T > 56 \quad \dots (2)$$

$$W_1 + W_2 + \dots W_k = 100 \quad \dots (3)$$

where T_n ($^{\circ}\text{C}$) is an onset temperature of an absorbed heat quantity curve of a wax component N in a differential scanning calorimeter (DSC), K is an integer in excess of 1, and W_n (wt%) is a compound rate occupied in said wax,

wherein a melting point of at least one of said plurality of wax components, which is defined as a maximum peak of the absorbed heat quantity curve at a time of temperature rise, is set in a range of 50 $^{\circ}\text{C}$ to 120 $^{\circ}\text{C}$ in a DSC curve measured by the differential scanning calorimeter, and

wherein at least one of said wax components comprises a crystallinity which is greater than 85% and less than 93%.

22. (New) An electrostatic charge image developing toner, comprising:
a fixing resin; and

a wax comprising a plurality of wax components;

wherein following formulae (1), (2) and (3) are satisfied

$$T = \sum_{N=1}^K T_n \cdot W_n / 100 \quad \dots (1)$$

$$T > 56 \quad \dots (2)$$

$$W_1 + W_2 + \dots W_k = 100 \quad \dots (3)$$

where T_n ($^{\circ}\text{C}$) is an onset temperature of an absorbed heat quantity curve of a wax component N in a differential scanning calorimeter (DSC), K is an integer in excess of 1, and W_n (wt%) is a compound rate occupied in said wax,

wherein at least one of said wax components comprises a crystallinity which is greater than 85% and less than 93%.